

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Krishnamachari, S.

Serial No.: 09/934,962

Filed: 8/22/2001

Title: COLOR QUANTIZATION AND SIMILARITY MEASURE FOR CONTENT  
BASED IMAGE RETRIEVAL

Atty. Docket No.: PHA 23-431A

Group Art Unit: 2623

Examiner: Wu, J.

Official

5-28-02  
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5-30-02Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231Amendment/Reply to Office Action

Sir:

Enclosed is a reply in the above-identified application in response to the Office  
Action dated 26 February 2002.Please amend the claims as follows. Attached is a marked-up copy of the  
amended claims.

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1. (Amended) A method for characterizing an image comprising:  
partitioning the image into a plurality of partitions, each partition including a  
plurality of pixels, each pixel having a color,  
determining a frequency of occurrence of each color of the plurality of pixels  
within each partition, and  
creating a characterization that includes a plurality of measures that are  
proportional to the frequency of occurrence of a plurality of colors.
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3. (Amended) The method of claim 2, further including  
identifying a plurality of populous colors, based on the frequency of occurrence of  
each color, and  
the plurality of measures includes proportions of each of the plurality of populous  
colors in each partition.

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